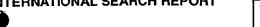
INTERNATIONAL SEARCH REPORT



International Application No T/EP2004/052400

A. CLASSIF	ICATION (OF SUE	JECT	MATTER
IPC 7	CO1B	15/0	13	

According to International Patent Classification (IPC) or to both national classification and IPC

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PATENT ABSTRACTS OF JAPAN vol. 1997, no. 07, 31 July 1997 (1997-07-31) & JP 09 071404 A (MITSUBISHI GAS CHEM CO INC), 18 March 1997 (1997-03-18)	1-7, 10-12
abstract	8,9
PATENT ABSTRACTS OF JAPAN vol. 1997, no. 07, 31 July 1997 (1997-07-31) & JP 09 071405 A (MITSUBISHI GAS CHEM CO INC), 18 March 1997 (1997-03-18)	1-7, 10-12
abstract	8,9
	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 07, 31 July 1997 (1997-07-31) & JP 09 071404 A (MITSUBISHI GAS CHEM CO INC), 18 March 1997 (1997-03-18) cited in the application abstract PATENT ABSTRACTS OF JAPAN vol. 1997, no. 07, 31 July 1997 (1997-07-31) & JP 09 071405 A (MITSUBISHI GAS CHEM CO INC), 18 March 1997 (1997-03-18) cited in the application abstract

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
E earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed	 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 4 January 2005	Date of mailing of the International search report 12/01/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Engelen, K

2

INTERNATIONAL SEARCH REPORT

International Application No EP2004/052400

	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	Inches de la state de
tegory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	EP 0 930 269 A (AUSIMONT SPA) 21 July 1999 (1999-07-21) cited in the application claims 1-9 example 5; table 2 page 2, line 3 - line 5 page 3, line 1 - line 22	1-5, 10-12 6-9
(A	EP 1 167 290 A (SANTOKU CHEMICAL IND CO LTD) 2 January 2002 (2002-01-02) page 2, line 24 - line 30 page 8, line 47 - line 48 page 9, line 41 - line 45 example 1	1-5, 10-12 6-9
	· .	
	•	

2

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No I/EP2004/052400

Patent document cited in search report		Publication date		Patent family member(s)	,	Publication date
JP 09071404	Α	18-03-1997	NONE			,
JP 09071405	Α	18-03-1997	NONE	* 	 -	
EP 0930269 /	- -	21-07-1999	IT	MI980072 A1	•	16-07-1999
			IT	MI981394 A1		20-12-1999
			DE	69904090 D1		09-01-2003
			DE	69904090 T2		04-09-2003
			EΡ	0930269 A1		21-07-1999
			US	2001009655 A1		26-07-200 1
EP 1167290	A	02-01-2002	JP	2002080209 A		19-03-2002
			CN	1328956 A		02-01-2002
			ΕP	1167290 A2		02-01-2002
			SG	95647 A1		23-04-2003
			ΤW	526168 B		01-04-2003
			US	2004202588 A1		14-10-2004
			US	2002015676 A1		07-02-2002